

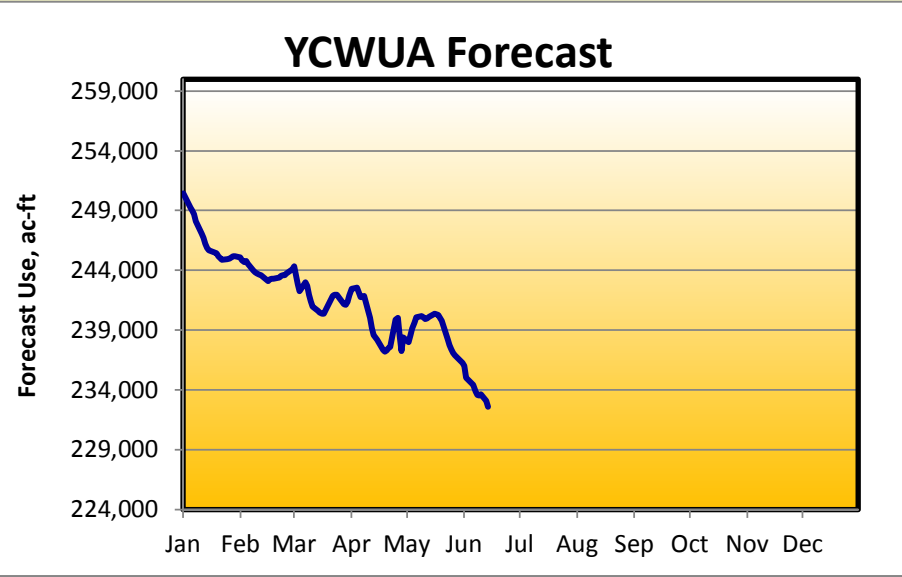
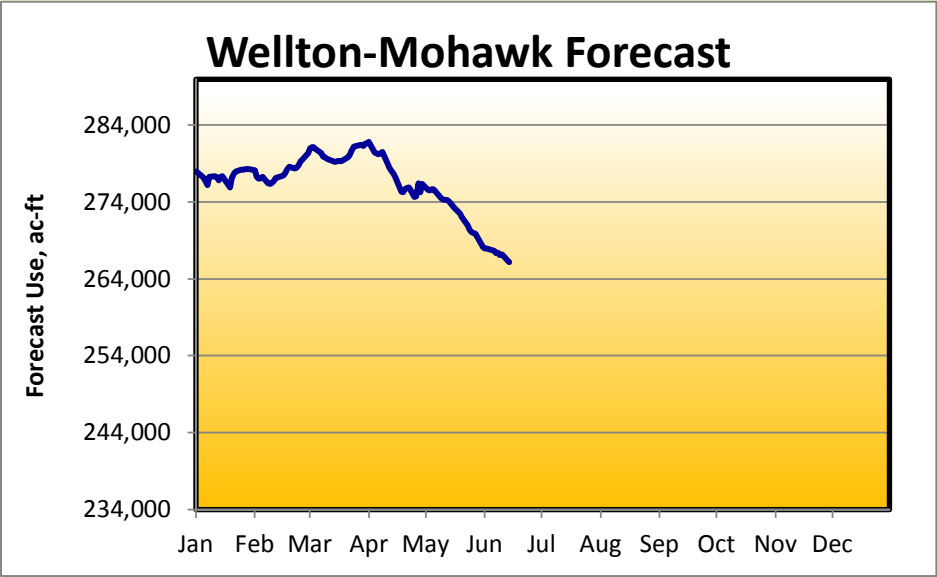
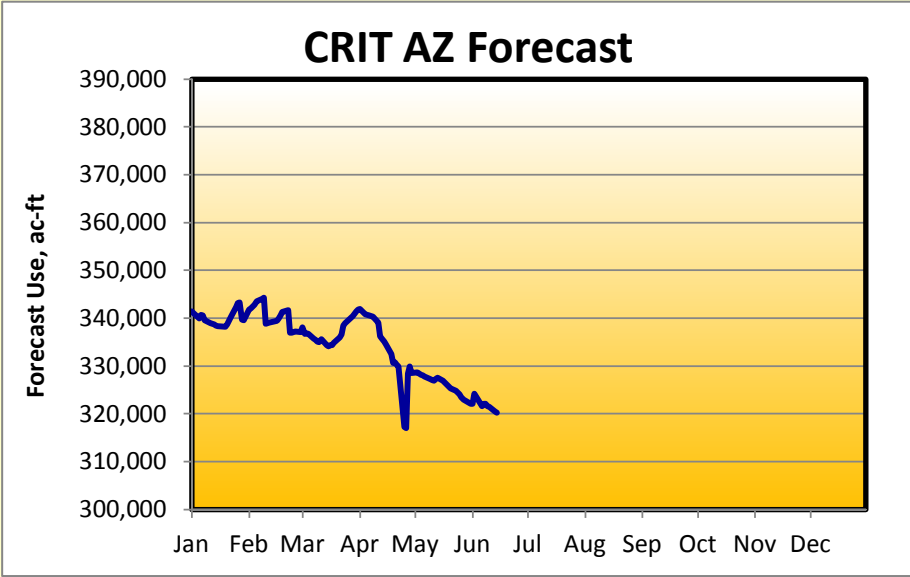
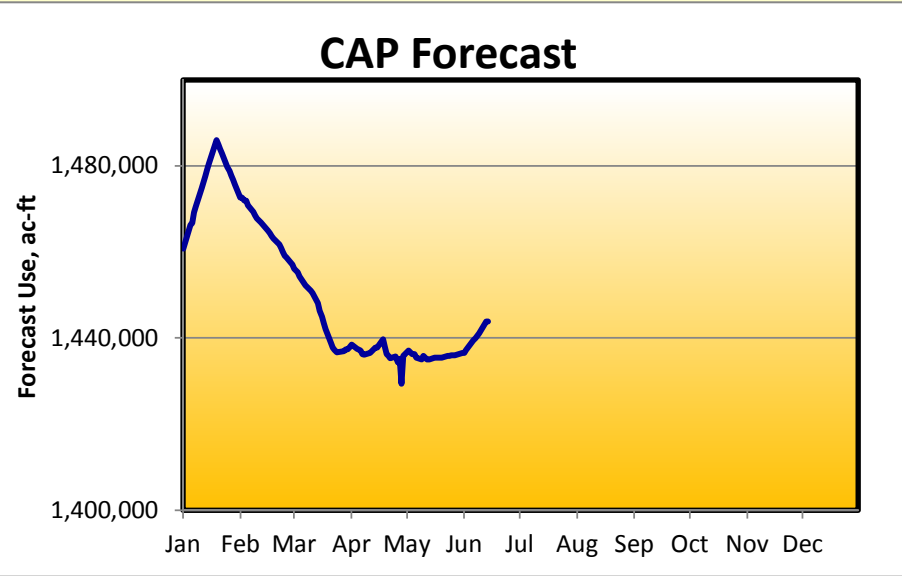
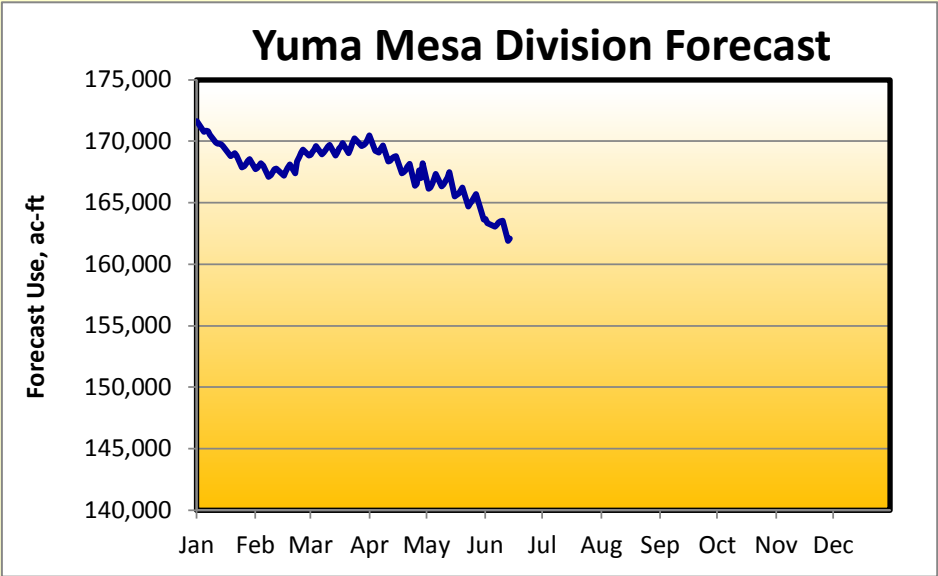
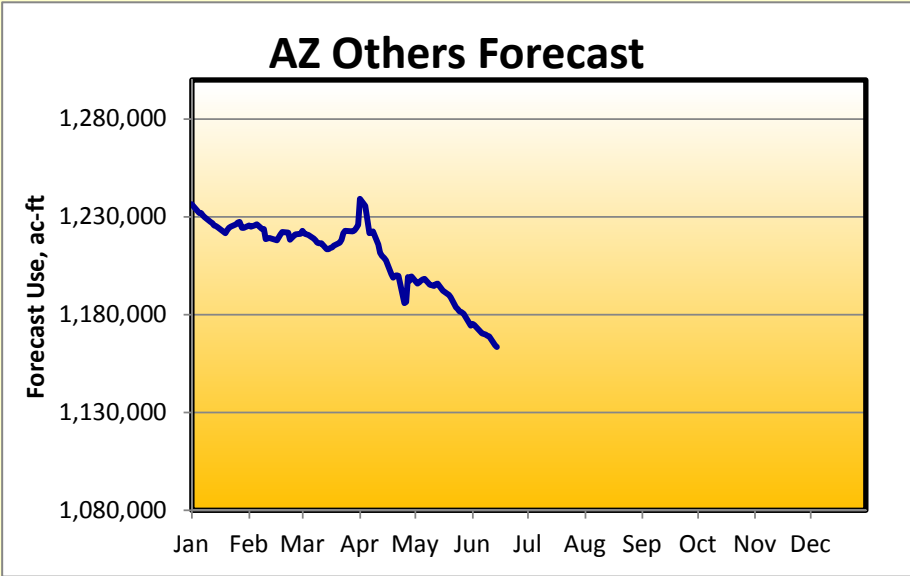
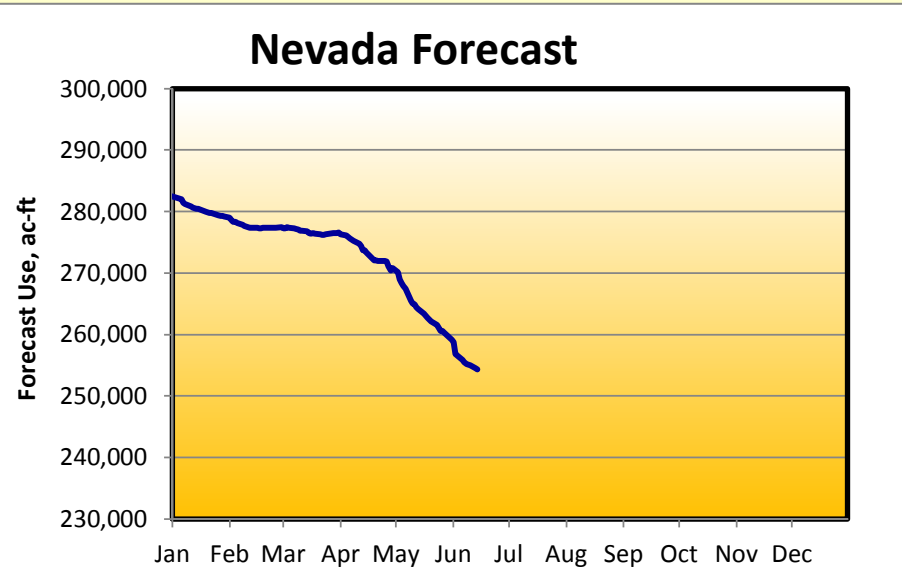
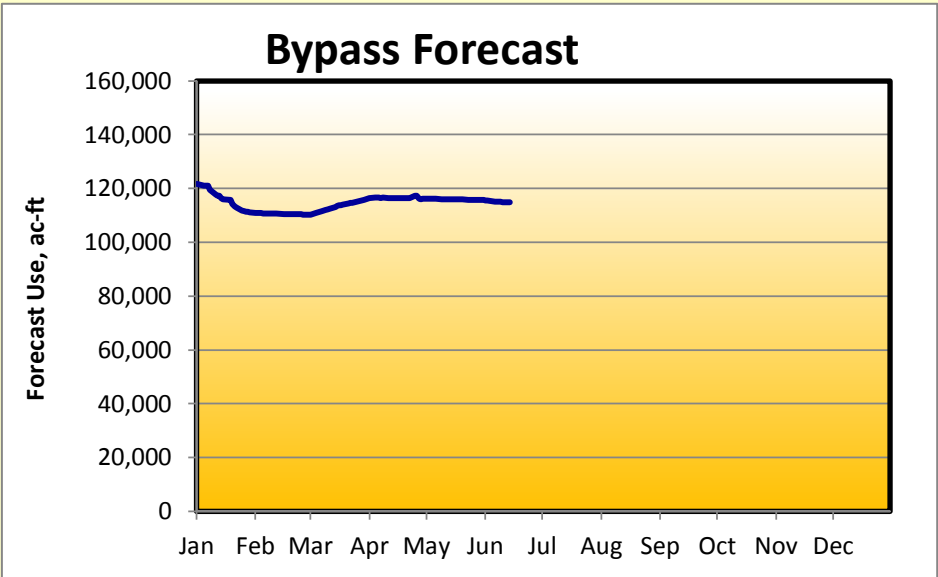
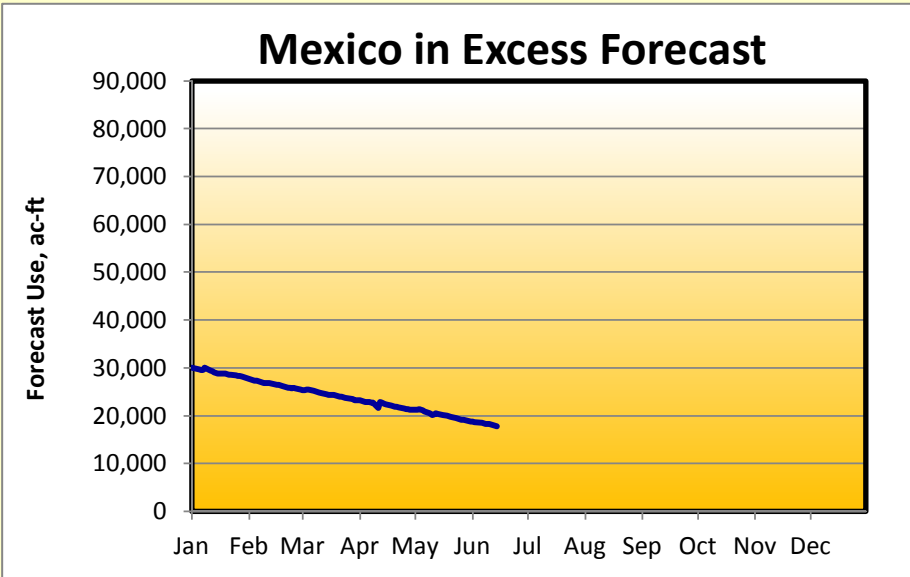
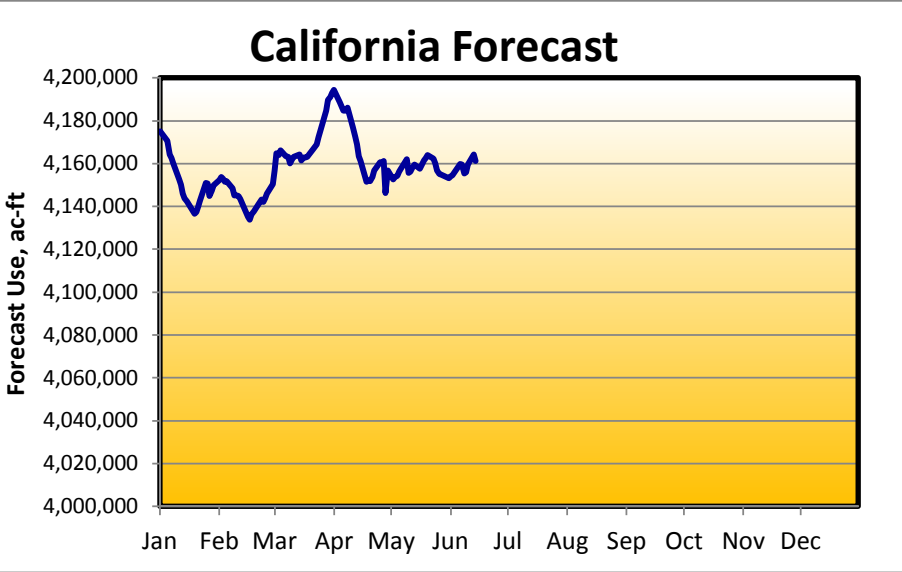
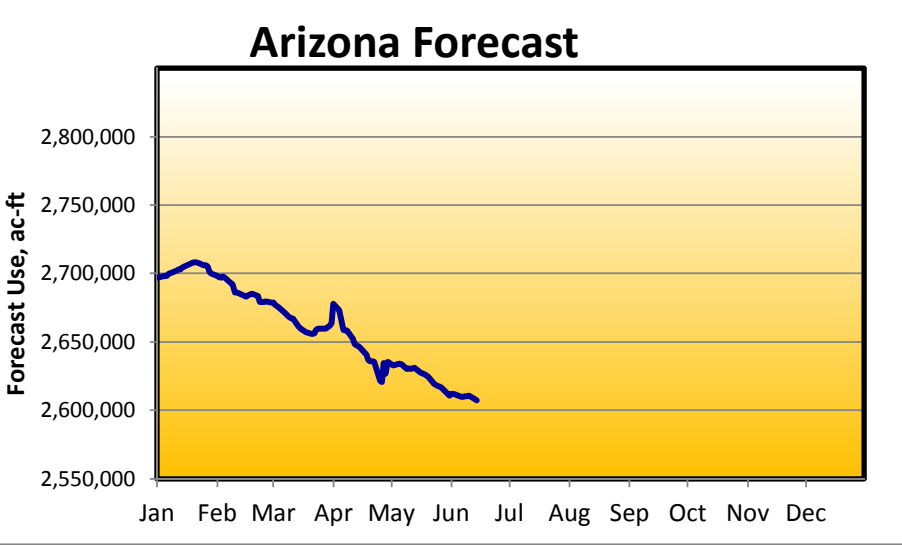
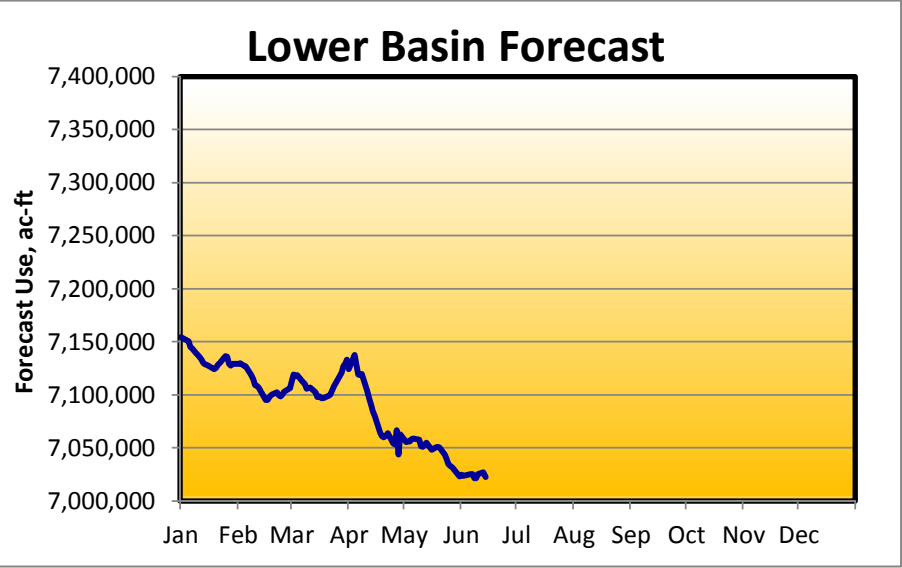
U.S. BUREAU OF RECLAMATION
LOWER COLORADO REGION
CY 2016

ARIZONA, CALIFORNIA, NEVADA, MEXICO
FORECAST OF END OF YEAR CONSUMPTIVE USE
FORECAST BASED ON USE TO DATE AND APPROVED ANNUAL WATER ORDERS ¹
(ACRE-FEET)

WATER USE SUMMARY

	Use To Date CY2016	Forecast Use CY2016	Approved Use ² CY2016	Excess to Approval CY2016
ARIZONA	1,302,949	2,607,221	2,697,000	-89,779
CALIFORNIA	2,007,615	4,161,080	4,175,000	-13,920
NEVADA	90,847	254,315	282,500	-28,185
STATES TOTAL ³	3,401,411	7,022,616	7,154,500	-131,884
MEXICO IN SATISFACTION OF TREATY (Including downward delivery)	893,459	1,517,730	1,500,000	17,730
TO MEXICO AS SCHEDULED	892,146	1,500,000		
MEXICO IN EXCESS OF TREATY	1,313	17,730		
BYPASS PURSUANT TO MINUTE 242	40,679	114,950		
TOTAL LOWER BASIN & MEXICO	4,335,549	8,655,296		

1/ Incorporates January through April USGS monthly data and 80 daily reporting stations which may be revised after provisional data reports are distributed by the USGS. Use to date estimated for users reporting monthly and annually.
2/ These values reflect adjusted apportionments. See Adjusted Apportionment calculation on each state page.
3/ Includes unmeasured returns based on estimated consumptive use/diversion ratios by user from studies provided by Arizona Department of Water Resources, Colorado River Board of California, and Reclamation.



Graph notes: Jan 1 forecast use is scheduled use in accordance with the Annual Operating Plan's state entitlements, available unused entitlements, and over-run paybacks. A downward sloping line indicates use at a lower rate than scheduled, upward sloping is above schedule, and a flat line indicates a use rate equal to schedule. Lower priority users such as CAP, MWD, and Robt.B.Griffith may adjust use rates to meet state entitlements as higher priority use deviates from schedule. Abrupt changes in the forecast use line may be due to a diversion schedule change or monthly updating of provisional realtime diversions.

U.S. BUREAU OF RECLAMATION
LOWER COLORADO REGION
CY 2016

NOTE:
● Diversions and uses that are pending approval are noted in *red italics*.
● Water users with a consumptive use entitlement - **Excess to Estimated Use** column indicates overrun/underrun of entitlement. Dash in this column indicates water user has a diversion entitlement.
● Water user with a diversion entitlement - **Excess to Approved Diversion** column indicates overrun/underrun of entitlement. Dash in this column indicates water user has a consumptive use entitlement.

CALIFORNIA WATER USERS
FORECAST OF END OF YEAR CONSUMPTIVE USE
FORECAST BASED ON USE TO DATE AND APPROVED ANNUAL WATER ORDERS

[California Schedules and Approvals](#)

[Historic Use Records \(Water Accounting Reports\)](#)

	Use To Date CY2016	Forecast Use CY2016	Estimated Use CY2016	Excess to Estimated Use CY2016	Diversion To Date CY2016	Forecast Diversion CY2016	Approved Diversion CY2016	Excess to Approved Diversion CY2016
WATER USER								
CALIFORNIA PUMPERS	867	1,761	1,761	---	1,570	3,191	3,191	0
FORT MOJAVE INDIAN RESERVATION, CA	3,080	7,125	8,995	---	5,726	13,246	16,720	-3,474
CITY OF NEEDLES (includes LCWSP use)	950	1,931	1,931	0	1,339	2,720	2,720	0
METROPOLITAN WATER DISTRICT	427,690	700,426	591,360	---	429,039	703,418	594,451	---
COLORADO RIVER INDIAN RESERVATION, CA	1,593	3,237	3,237	---	2,639	5,362	5,362	0
PALO VERDE IRRIGATION DISTRICT	146,509	379,677	400,192	---	326,338	822,738	868,000	-45,262
YUMA PROJECT RESERVATION DIVISION	24,480	49,099	57,009	---	45,017	97,229	107,359	-10,130
YUMA PROJECT RESERVATION DIVISION - INDIAN UNIT	---	---	---	---	23,475	47,331	52,359	-5,028
YUMA PROJECT RESERVATION DIVISION - BARD UNIT	---	---	---	---	21,542	49,899	55,000	-5,101
YUMA ISLAND PUMPERS	2,234	4,540	4,540	---	4,043	8,215	8,215	0
FORT YUMA INDIAN RESERVATION - RANCH 5	326	663	663	---	591	1,201	1,201	0
IMPERIAL IRRIGATION DISTRICT	1,178,607	2,527,035	2,612,400	-85,365	1,152,375	2,577,284	2,727,875	---
SALTON SEA SALINITY MANAGEMENT	70,123	130,000	130,000	0	71,792	136,420	136,420	---
COACHELLA VALLEY WATER DISTRICT	150,708	354,675	362,000	-7,325	155,036	370,824	378,869	---
OTHER LCWSP CONTRACTORS	358	728	728	---	567	1,152	1,152	0
CITY OF WINTERHAVEN	33	68	68	---	48	98	98	0
CHEMEHUEVI INDIAN RESERVATION	57	115	115	---	5,581	11,340	11,340	0
TOTAL CALIFORNIA	2,007,615	4,161,080			2,201,701	4,754,438	4,862,973	

CALIFORNIA ADJUSTED APPORTIONMENT CALCULATION

California Basic Apportionment	4,400,000
Conservation for Salton Sea Restoration - 2010 ¹	
Creation of Extraordinary Conservation ICS (IID)	-25,000
Creation of Extraordinary Conservation ICS (MWD)	-200,000
Total State Adjusted Apportionment	4,175,000
Excess to Total State Adjusted Apportionment	-13,920

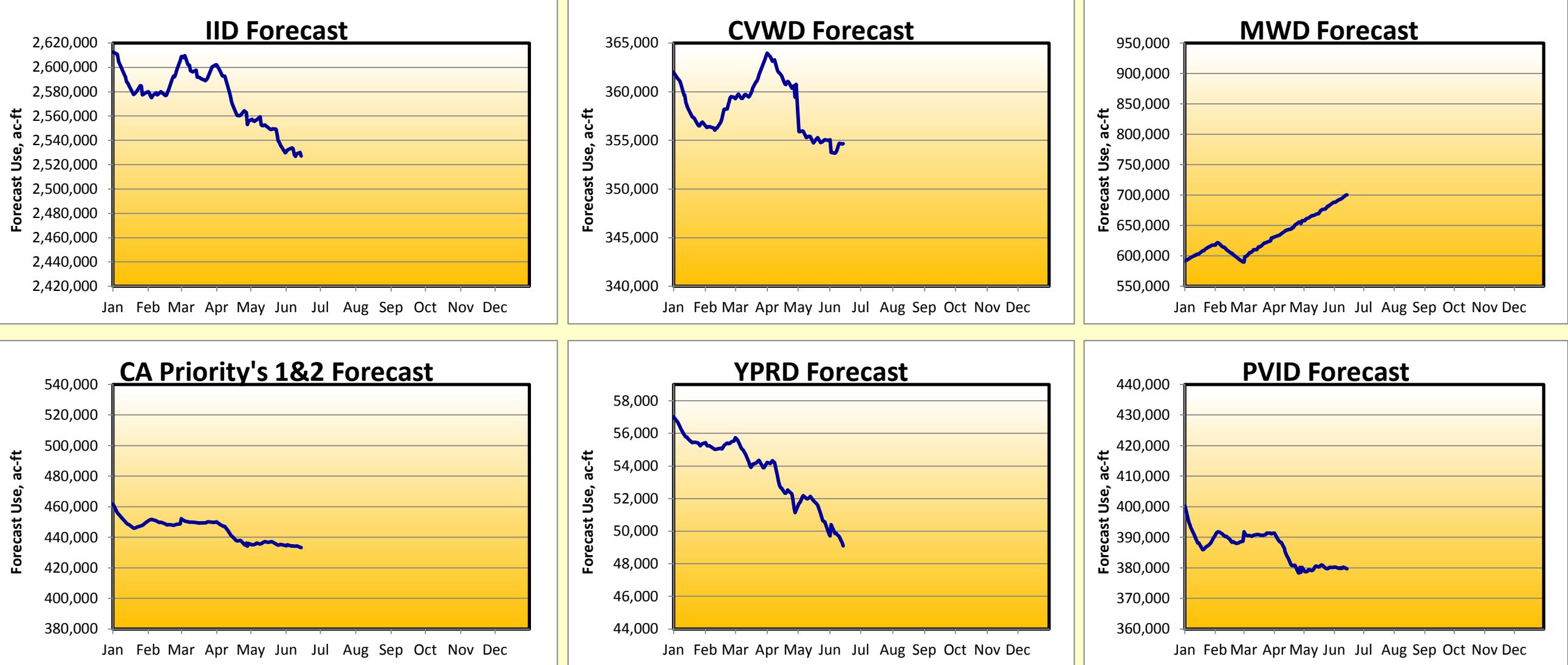
ISG ANNUAL TARGET COMPARISON CALCULATION

Priorities 1, 2, 3b Use (PVID+YPRD+Island+PVID Mesa)	433,316
MWD Adjustment	-13,316
Total California Agricultural Use (PVID+YPRD+Island+IID+CVWD)	3,315,026
California Agricultural Paybacks	0
Misc. PPRs Covered by IID and CVWD	14,500
California ICS Creation (IID ICS)	25,000
Total Use for Target Comparison ²	3,341,210
ISG Annual Target (Exhibit B)	3,440,000
Amount over/(under) ISG Annual Target	-98,790

NOTES: Click on California Schedules and Approvals above for incoming diversion schedules and approvals.

1/ Pending approval by Imperial Irrigation District's Board of Directors.

2/ Includes MWD Adjustment, Californnia Agricultural Use and Paybacks, IID-CVWD covered PPRs, and taking out the MWD-CVWD Exchange



U.S. BUREAU OF RECLAMATION
LOWER COLORADO REGION
CY 2016

NOTE:
● Diversions and uses that are pending approval are noted in *red italics*.
● Water users with a consumptive use entitlement - **Excess to Estimated Use** column indicates overrun/underrun of entitlement. Dash in this column indicates water user has a diversion entitlement.
● Water user with a diversion entitlement - **Excess to Approved Diversion** column indicates overrun/underrun of entitlement. Dash in this column indicates water user has a consumptive use entitlement.

ARIZONA WATER USERS
FORECAST OF END OF YEAR CONSUMPTIVE USE
FORECAST BASED ON USE TO DATE AND APPROVED ANNUAL WATER ORDERS
[Arizona Schedules and Approvals](#)
[Historic Use Records \(Water Accounting Reports\)](#)

	Use To Date CY2016	Forecast Use CY2016	Estimated Use CY2016	Excess to Estimated Use CY2016	Diversion To Date CY2016	Forecast Diversion CY2016	Approved Diversion CY2016	Excess to Approved Diversion CY2016
WATER USER								
ARIZONA PUMPERS	8,113	16,484	16,484	---	12,562	25,525	25,525	0
LAKE MEAD NRA, AZ - Diversions from Lake Mead	48	147	147	---	48	147	147	0
LAKE MEAD NRA, AZ - Diversions from Lake Mohave	64	174	174	---	64	174	174	0
DAVIS DAM PROJECT	1	2	2	---	28	56	56	0
BULLHEAD CITY	2,983	7,991	8,523	---	4,451	11,925	12,720	-795
MOHAVE WATER CONSERVATION	291	592	592	---	434	881	881	0
BROOKE WATER LLC	103	210	210	---	155	314	314	0
MOHAVE VALLEY IDD	7,717	19,974	21,549	---	14,290	36,987	39,905	-2,918
FORT MOJAVE INDIAN RESERVATION, AZ	15,178	42,376	47,790	---	28,107	78,474	88,500	-10,026
GOLDEN SHORES WATER CONSERVATION DISTRICT	156	316	316	---	232	472	472	0
HAVASU NATIONAL WILDLIFE REFUGE	2,532	4,248	3,563	---	21,114	41,236	41,820	-584
LAKE HAVASU CITY	3,240	8,161	8,370	---	5,227	13,164	13,500	-336
CENTRAL ARIZONA PROJECT	782,609	1,443,861		---	782,609	1,443,861		
TOWN OF PARKER	135	374	392	---	334	877	916	-39
COLORADO RIVER INDIAN RESERVATION, AZ	141,736	320,186	341,393	---	262,273	623,598	662,402	-38,804
EHRENBURG IMPROVEMENT ASSOCIATION	111	226	226	---	157	318	318	0
CIBOLA VALLEY IRRIGATION DISTRICT	8,474	17,218	17,218	---	11,848	24,074	24,074	0
CIBOLA NATIONAL WILDLIFE REFUGE	6,270	12,741	12,741	0	10,114	20,550	20,550	0
IMPERIAL NATIONAL WILDLIFE REFUGE	1,486	3,019	3,019	0	2,396	4,868	4,868	0
BLM PERMITEES (PARKER DAM to IMPERIAL DAM)	484	984	984		746	1,516	1,516	
YUMA PROVING GROUND	195	528	550	---	195	528	550	-22
GILA MONSTER FARMS	1,568	3,871	5,271	---	2,808	6,845	9,156	-2,311
WELLTON-MOHAWK IDD	121,945	266,190	278,000	-11,810	175,373	403,605	424,350	-20,745
BLM PERMITEES (BELOW IMPERIAL DAM)	42	86	86	0	65	132	132	0
CITY OF YUMA	5,039	13,822	16,036	-2,214	10,214	25,525	27,583	-2,058
MARINE CORPS AIR STATION YUMA	556	1,373	1,385	---	556	1,373	1,385	-12
UNION PACIFIC RAILROAD	11	24	24	---	22	48	48	0
UNIVERSITY OF ARIZONA	275	674	690	---	275	674	690	-16
YUMA UNION HIGH SCHOOL DISTRICT	57	150	151	---	76	199	200	-1
DESERT LAWN MEMORIAL	43	87	87	---	61	123	123	0
NORTH GILA VALLEY IDD	6,091	11,065	10,929	---	19,261	42,138	44,000	-1,862
YUMA IRRIGATION DISTRICT	18,937	38,761	40,822	---	34,402	71,599	75,100	-3,501
YUMA MESA IDD	43,781	112,251	119,859	---	78,222	190,744	202,464	-11,720
UNIT "B" IRRIGATION DISTRICT	7,381	19,966	21,037	---	11,032	28,302	29,800	-1,498
FORT YUMA INDIAN RESERVATION	685	1,392	1,392	---	1,053	2,140	2,140	0
YUMA COUNTY WATER USERS' ASSOCIATION	113,222	232,596	250,443	---	167,044	362,611	386,000	-23,389
COCOPAH INDIAN RESERVATION	1,377	5,075	5,778	---	1,437	7,199	8,960	-1,761
RECLAMATION-YUMA AREA OFFICE	13	26	26	---	13	26	26	0
RETURN FROM SOUTH GILA WELLS								
TOTAL ARIZONA	1,302,949	2,607,221	2,696,982		1,659,298	3,472,828	3,612,088	
CAP	782,609	1,443,861				1,443,861		
ALL OTHERS	520,340	1,163,360	1,236,259			2,028,967	2,151,365	
YUMA MESA DIVISION, GILA PROJECT	68,809	162,077	171,610	-9,533		304,481		

ARIZONA ADJUSTED APPORTIONMENT CALCULATION

Arizona Basic Apportionment	2,800,000
Creation of Protection Volume ¹	-103,000
Total State Adjusted Apportionment	2,697,000
Excess to Total State Adjusted Apportionment	-89,779
Estimated Allowable Use for CAP	1,534,461

1/ In 2016, CAWCD intends to conserve no less than 103,000 AF of Colordao River water as part of its commitment under the 2014 Memorandum of Understanding for Pilot Drought Response Actions.
NOTES: Click on Arizona Schedules and Approvals above for incoming diversion schedules and approvals.

U.S. BUREAU OF RECLAMATION
LOWER COLORADO REGION
CY 2016

NOTE:
● Diversions and uses that are pending approval are noted in *red italics*.
● Water users with a consumptive use entitlement - **Excess to Estimated Use** column indicates overrun/underrun of entitlement. Dash in this column indicates water user has a diversion entitlement.
● Water user with a diversion entitlement - **Excess to Approved Diversion** column indicates overrun/underrun of entitlement. Dash in this column indicates water user has a consumptive use entitlement.

NEVADA WATER USERS
FORECAST OF END OF YEAR CONSUMPTIVE USE
FORECAST BASED ON USE TO DATE AND APPROVED ANNUAL WATER ORDERS

[Nevada Schedules and Approvals](#)
[Historic Use Records \(Water Accounting Reports\)](#)

	Use To Date CY2016	Forecast Use CY2016	Estimated Use CY2016	Excess to Estimated Use CY2016	Diversion To Date CY2016	Forecast Diversion CY2016	Approved Diversion CY2016	Excess to Approved Diversion CY2016
WATER USER								
ROBERT B. GRIFFITH WATER PROJECT (SNWS)	175,939	425,081	438,176	-13,095	175,939	425,081	438,176	-13,095
LAKE MEAD NRA, NV - Diversions from Lake Mead	150	369	403	---	150	369	403	-34
LAKE MEAD NRA, NV - Diversions from Lake Mohave	66	154	152	---	66	154	152	2
BASIC MANAGEMENT INC.	2,402	7,453	8,208	---	2,402	7,453	8,208	-755
CITY OF HENDERSON (BMI DELIVERY)	6,419	14,991	15,878	---	6,419	14,991	15,878	-887
NEVADA STATE DEPT. OF FISH & GAME	5	12	12	0	237	439	405	---
PACIFIC COAST BUILDING PRODUCTS INC.	407	933	928	---	407	933	928	5
BOULDER CANYON PROJECT	85	173	173	---	148	300	300	0
BIG BEND WATER DISTRICT	1,226	4,368	5,355	---	2,434	8,211	10,000	-1,789
FORT MOJAVE INDIAN TRIBE	1,211	3,257	3,886	---	1,808	4,862	5,800	-938
LAS VEGAS WASH RETURN FLOWS	-97,063	-202,476	-190,671	---				
TOTAL NEVADA	90,847	254,315	282,500	-13,095	190,010	462,793	480,250	-17,491
SOUTHERN NEVADA WATER SYSTEM (SNWS)	78,876	222,605				425,081		
ALL OTHERS	11,971	31,710				37,712		
NEVADA USES ABOVE HOOVER	88,410	246,690				449,720		
NEVADA USES BELOW HOOVER	2,437	7,625				13,073		

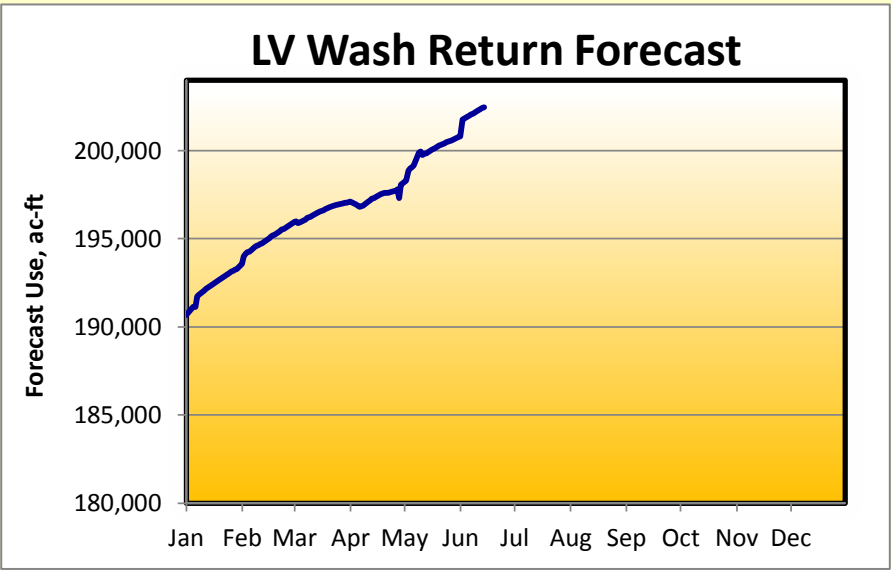
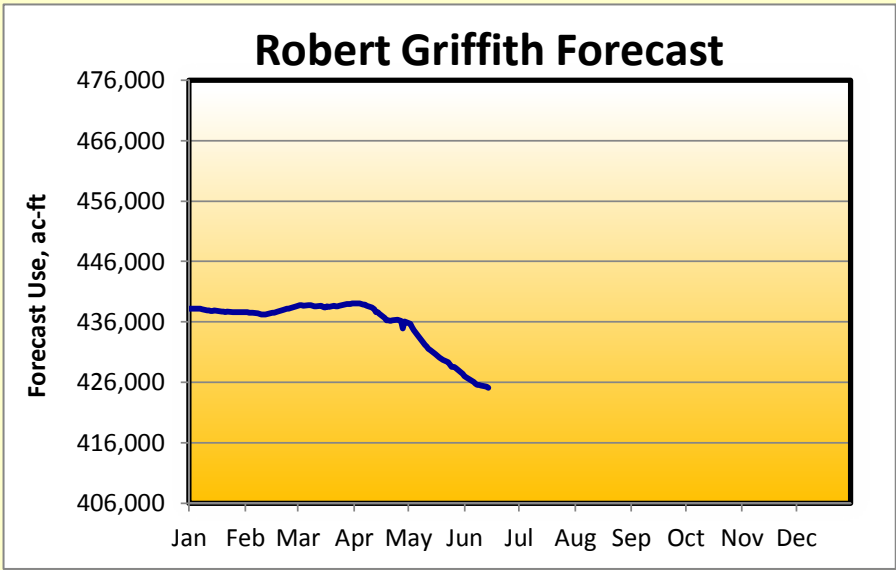
Tributary Conservation & Imported Intentionally Created Surplus
Total Requested Tributary Conservation Intentionally Created Surplus
Total Requested Imported Conservation Intentionally Created Surplus
5% System Cut for Creation of Intentionally Created Surplus
Total Intentionally Created Surplus Left in Lake Mead

Pilot System Conservation Program

Tributary Conservation - Left in Lake Mead ¹

NEVADA ADJUSTED APPORTIONMENT CALCULATION

Nevada Basic Apportionment
Creation of Protection Volume ²
Total State Adjusted Apportionment
Excess to Total State Adjusted Apportionment



1/ On June 4, 2015, Reclamation and SNWA entered into a System Conservation Implementation Agreement in which SNWA agreed to conserve 7,500 AF of Colorado River water from its Tributary Conservation projects to create System Conservation Water.
2/ In 2016, Nevada anticipates leaving 17,500 AF of its basic apportionment in Lake Mead by forgoing off-stream storage as part of SNWA's commitment under the 2014 Memorandum of Understanding for Pilot Drought Response Actions.

NOTES: Click on Nevada Schedules and Approvals above for incoming diversion schedules and approvals.